

--16. (Amended) The camera according to claim 10, wherein said predetermined pattern changes corresponding to a zoom condition of said zoom lens.

--17. (Amended) The camera according to claim 10, wherein said electronic optical shutter is utilized simultaneously as said light quantity adjusting means.

*A2
cancel*
--18. (Amended) The camera according to claim 17, wherein said electronic optical shutter is composed of a liquid shutter.

--19. (Amended) The camera according to claim 10, wherein said light quantity adjusting means is an electronic shutter constituted of a solid image pickup device.--

REMARKS

Claims 1-19 remain in the application and have been amended hereby.

As will be noted from the Declaration, Applicants are citizens and residents of Japan and this application originated there.


Accordingly, the amendments to the specification are made to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is

7217/62364

earnestly solicited.

Respectfully submitted,
COOPER & DUNHAM, LLP

A handwritten signature in cursive script, reading "Jay H. Maioli".

Jay H. Maioli
Reg. No. 27,213

JHM/AVF

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE ABSTRACT OF THE DISCLOSURE

The Abstract of the Disclosure has been amended as follows:

--[This invention provides a] A lens unit and a camera capable of achieving stereoscopic television function and zoom function at the same time. More specifically, [this invention provides] a lens unit (2) and a camera (1) each [comprising] including at least a [lens including] a zoom lens (4), [a] light quantity adjusting [means] device (6 or 20), an electronic optical shutter provided on a [subsequent] stage of the zoom lens (4), and an optical shutter driving portion for controlling the electronic optical shutter (6) to [an opening] open (6A, 6B) [of] in a predetermined pattern.--

IN THE CLAIMS

Claims 1-19 have been amended as follows:

--1. (Amended) A lens unit comprising:
[at least a lens including] a zoom lens;
[a] light quantity adjusting means;
an electronic optical shutter provided on a [subsequent] stage of said zoom lens; and
an optical shutter driving portion for controlling said electronic optical shutter to [an opening of] open in a predetermined pattern.

--2. (Amended) The lens unit according to claim 1, wherein said light quantity adjusting means is a diaphragm for changing the size of an opening mechanically.

--3. (Amended) The lens unit according to claim 1, wherein said light quantity adjusting means is a filter.

--4. (Amended) The lens unit according to claim 1, wherein said electronic optical shutter is disposed near said light quantity adjusting means.

--5. (Amended) The lens unit according to claim 1, wherein said electronic optical shutter is composed of a liquid shutter.

--6. (Amended) The lens unit according to claim 1, wherein said predetermined pattern is switched [over] to a pattern having an opening on the left and a pattern having an opening on the right alternately.

--7. (Amended) The lens unit according to claim 1, wherein said predetermined pattern changes corresponding to a zoom condition of said zoom lens.

--8. (Amended) The lens unit according to claim 1, wherein said electronic optical shutter is [used] utilized simultaneously as said light quantity adjusting means [at the

same time].

--9. (Amended) The lens unit according to claim 8, wherein said electronic optical shutter is composed of a liquid shutter.

--10. (Amended) A camera comprising:
[at least a lens including] a zoom lens;
[a] light quantity adjusting means;
an electronic optical shutter provided on a [subsequent] stage of said zoom lens; and
an optical shutter driving portion for controlling said electronic optical shutter to [an opening of] open in a predetermined pattern.

--11. (Amended) The camera according to claim 10, wherein said light quantity adjusting means is a diaphragm for changing [the] a size of an opening thereof mechanically.

--12. (Amended) The camera according to claim 10, wherein said light quantity adjusting means is a filter.

--13. (Amended) The camera according to claim 10, wherein said electronic optical shutter is disposed near said light quantity adjusting means.

--14. (Amended) The camera according to claim 10,

wherein said electronic optical shutter is composed of a liquid shutter.

--15. (Amended) The camera according to claim 10, wherein said predetermined pattern is switched [over] to a pattern having an opening on the left and a pattern having an opening on the right alternately.

--16. (Amended) The camera according to claim 10, wherein said predetermined pattern changes corresponding to a zoom condition of said zoom lens.

--17. (Amended) The camera according to claim 10, wherein said electronic optical shutter is [used] utilized simultaneously as said light quantity adjusting means [at the same time].

--18. (Amended) The camera according to claim 17, wherein said electronic optical shutter is composed of a liquid shutter.

--19. (Amended) The camera according to claim 10, wherein said light quantity adjusting means is an electronic shutter constituted of a solid image pickup device.--